Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

Examiner

10/735,772

Applicant(s)/Patent under Reexamination

GUTOWSKI, STANLEY J. Art Unit

ALEXANDER BOAKYE

2667

| √ | Rejected |
|---|----------|
| = | Allowed  |

| <br>ı | (Through numeral)<br>Cancelled |
|-------|--------------------------------|
| +     | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      | Date         |                    |   |          |  |          |              | Claim Date |         |       |  |           |                 |          | CI       | aim     |          |                 | Date     |           |       |            |                 |          |          |          |          |          |          |           |          |
|--------------|----------|--------------|--------------------|---|----------|--|----------|--------------|------------|---------|-------|--|-----------|-----------------|----------|----------|---------|----------|-----------------|----------|-----------|-------|------------|-----------------|----------|----------|----------|----------|----------|----------|-----------|----------|
| _ ;          | <u></u>  | ١,,          |                    |   |          |  |          |              |            |         |       | _  | क         |                 |          |          |         |          |                 |          |           | _     | <u></u>    |                 |          |          |          |          | ١        |          | - 1       |          |
| Final        | Original | 8/4/05       |                    |   |          | ł  |          |              |            |         |       | Final  | Original  |                 |          | -        |         |          |                 |          |           | Final | Original   |                 |          |          |          |          |          |          |           |          |
| "-           | ğ        | à            |                    |   |          | l  |          |              | l          |         |       | Œ  | Ö         |                 |          |          |         |          | il              |          |           | Œ     | Ö          |                 |          |          |          |          |          |          |           | ŀ        |
| <u> </u>     | 1        | -            | $\left  - \right $ | _ | -        | ₩  | ╆        | ╀            | ╀          | +       | -     |  | 51        | $\vdash$        | +        | +        | ╀       | ┾        | $\vdash$        | +        | -         |       | 101        | $\dashv$        | $\dashv$ |          | $\dashv$ |          | -        | +        | $\dashv$  | $\dashv$ |
| <u> </u>     | 2        | _            | $\vdash$           |   | -        | ┢  | ╁        | +            | ╁          | +       | -     |  | 52        | $\vdash$        | +        | +        | ╁       | ╁        | Н               | +        | $\dashv$  |       | 102        | $\dashv$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  | $\dashv$ |
| $\vdash$     | 3        | -            | Н                  | _ | -        | ┢  | ╁╌       | ╁            | ╁          | +-      | -     |  | 53        | $\vdash$        | $\dashv$ |          | +       | ╁        | $\vdash$        | +        | -         |       | 103        | -               | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | _        |
| $\vdash$     | 4        | -            | Н                  | _ | -        | H  | ╁╌       | ╁┈           | ✝          | ╅       | -:::: | <del></del>                                      | 54        |                 | $\dashv$ | $\dashv$ | +       | ╁        | $\vdash$        | +        | $\dashv$  |       | 104        | $\vdash$        | $\dashv$ | _        | ᅱ        | $\dashv$ |          | $\dashv$ | 寸         |          |
| $\vdash$     | 5        | -            |                    |   | $\vdash$ | H  | T        | 1            | ╁          | +       | -     |  | 55        | $\Box$          | $\dashv$ | 十        | +       | $\vdash$ | $\Box$          | $\dashv$ |           |       | 105        |                 |          | $\neg$   | ᅥ        | _        | $\neg$   | 7        | 寸         | 7        |
| 1            | 6        | =            |                    |   |          | Г  | T        | 1            | T          | 1       | -     |  | 56        | $\Box$          | _        | T        |         | T        | П               | $\neg$   |           |       | 106        |                 |          |          | T        |          |          | $\neg$   | $\neg$    |          |
| 2            | 7        | =            |                    |   |          |  | Ī        | Τ            | Τ          | $\top$  | 7     |  | 57        |                 |          | $\neg$   |         |          |                 |          |           |       | 107        |                 | 一        |          |          |          |          | 7        | $\neg$    |          |
| 3            | 8        | =            |                    |   |          |  |          |              |            |         |       |  | 58        |                 |          |          |         |          |                 |          |           |       | 108        |                 |          |          |          |          |          |          | $\Box$    |          |
| 4_           | 9        | Ξ            |                    |   |          |  |          | $oxed{oxed}$ | L          | $\perp$ |       |  | 59        |                 |          |          |         |          |                 |          |           |       | 109        |                 |          |          |          |          |          |          |           | $\Box$   |
| 5            | 10       | Ξ            | Ш                  |   | L        | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$        | _        |              | L          | 1       | _     |  | 60        | Ш               | $\perp$  | _        | _       | _        | Ш               |          | _         |       | 110        | $\sqcup$        |          | _        |          | _        | _        | _        |           | $\sqcup$ |
| 6            | 11       | =            | $oxed{oxed}$       |   | <u> </u> | <u> </u>   | ↓_       | 1            | L          | 4       | 4     | L  | 61        |                 | _        |          | 4_      | 4-       | $\sqcup$        | _        | _         |       | 111        | _               |          | _        |          | _        | _        | _        | _         | _        |
| 7            | 12       | =            | $\sqcup$           |   | _        | <u> </u>   | 1        | ₩            | 1          | 4       | -     |  | 62        | $\sqcup$        | _        | _        | 4       | 4_       | $\sqcup$        | _        | 4         |       | 112        | $\vdash \vdash$ | _        | _        |          | _        | _        | _        | 4         | _        |
| 8_           | 13       | Ξ            | $\vdash \vdash$    |   | -        | <del> </del>                                     | ┼        | +            | ╀          | +       | -     |  | 63        | $\vdash \vdash$ | -        | +        | +       | +        | $\vdash \vdash$ | +        | $\dashv$  |       | 113        | $\vdash \vdash$ | -        | -        |          | $\dashv$ |          | -        | $\dashv$  | _        |
| 10           | 14<br>15 | =            | $\vdash \vdash$    |   | $\vdash$ | $\vdash$   | ┼        | ╀            | ╁          | +-      | -     | <u> </u>   | 64<br>65  | $\vdash$        | +        | +        | +       | +        | $\vdash \vdash$ | $\dashv$ | $\dashv$  |       | 114<br>115 | $\vdash$        | $\vdash$ | $\dashv$ | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$ |
| 11           | 16       | =            | -                  |   | -        | -  | ╁        | +            | ╁          | - -     | -     | <del>                                     </del> | 66        | $\vdash \vdash$ | $\dashv$ | +        | +       | +        | $\vdash$        | +        | $\dashv$  |       | 116        | $\vdash \vdash$ | -        | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| 12           | 17       | =            | $\vdash \vdash$    |   | $\vdash$ | $\vdash$   | $\vdash$ | +            | ╁╴         | +       | -     |  | 67        |                 | $\dashv$ | +        | +-      | +        | $\vdash$        | $\dashv$ | $\dashv$  |       | 117        | $\vdash \vdash$ |          | -        | -        | -        | $\dashv$ |          | $\dashv$  | $\dashv$ |
| 13           | 18       | =            | $\vdash$           |   | H        | H  | T        | +            | t          | +       | -     |  | 68        | $\forall$       | $\dashv$ | +        | +       | +        | H               | $\dashv$ | $\dashv$  |       | 118        | $\vdash$        |          | $\dashv$ |          | $\dashv$ | $\dashv$ | 一        | $\dashv$  | $\dashv$ |
| 14           | 19       | =            | $\vdash$           |   |          |  | t        | 1            | t          | $^{+}$  | 7     |  | 69        | Ħ               | 7        | +        | +       | +        | H               | 1        | 7         |       | 119        | H               |          | _        |          |          | T        | $\dashv$ | $\dashv$  | $\dashv$ |
| 15           | 20       | =            | $\Box$             |   |          |  |          | T            | T          | ╅       | -     |  | 70        | $\Box$          | 寸        | 7        | 1       | 1        | П               | 寸        |           |       | 120        |                 |          | $\neg$   |          | 一        | ヿ        | ┪        | $\dashv$  | $\dashv$ |
| 16           | 21       | =            |                    |   |          |  | 1        | $\top$       | Т          | 1       | -     |  | 71        |                 | 7        |          | ┪       | $\top$   | $\Box$          |          |           |       | 121        |                 |          |          |          |          | ヿ        | $\neg$   | $\dashv$  | ヿ        |
| 17           | 22       | =            | П                  |   |          |  | T        |              | Τ          | 1       | 7     |  | 72        | П               | T        |          |         | Т        | П               | T        |           |       | 122        |                 |          |          |          |          | $\Box$   | $\Box$   | $\neg$    | $\neg$   |
| 18           | 23       | =            |                    |   |          |  |          |              |            |         |       |  | 73        |                 |          |          |         |          |                 |          |           |       | 123        |                 |          |          |          |          |          |          | $\Box$    |          |
|              | 24       |              |                    |   |          |  |          |              | L          |         |       |  | 74        |                 |          |          |         |          |                 |          |           |       | 124        |                 |          |          |          |          |          |          |           |          |
| <u></u>      | 25       |              | Ш                  |   |          |  |          | L            | L          | $\perp$ | _     |  | 75        |                 |          |          | $\perp$ |          | Ш               |          | _         |       | 125        | Щ               |          |          |          |          |          | _        | _         | _        |
|              | 26       | ļ            |                    |   | L        | <u> </u>   | <u> </u> | <u> </u>     | L          | 4       | _     |  | 76        | Ш               |          | 4        | _       | ╄        | Ш               | _        | _         |       | 126        |                 |          |          |          | _        | _        | _        | $\dashv$  | 4        |
| <u> </u>     | 27       |              | $\vdash$           | _ | <u> </u> | _  | ╄        | ↓_           | ╀          | 4       | -     |  | 77        | $\vdash$        | 4        | 4        | +       | ╄        | $\vdash$        | 4        | 4         |       | 127        | $\square$       |          |          |          | _        |          |          | $\dashv$  | 4        |
| -            | 28       | -            | -                  | _ | -        | _  | ╂—       | ₩            | ╀          | +-      | -     |  | 78_       | -               | -        | -        | +-      | -        | Н               | +        | -         |       | 128        | $\dashv$        | _        | -        | -        | -        |          |          | $\dashv$  | $\dashv$ |
| <u> </u>     | 29<br>30 | -            | $\vdash$           | _ | -        | ├  | ╂        | ⊬            | ╁          | +-      | -     |  | 79_<br>80 | $\vdash$        | +        | +        | +       | +        | $\vdash$        |          | -         |       | 129<br>130 |                 | -        |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 31       | <del> </del> | $\vdash$           | _ | ⊢        | $\vdash$   | ╁        | ╁            | ╁          | ╁       | -     | <del>-</del>                                     | 81        | -               | $\dashv$ | +        | +       | +        | $\vdash$        | $\dashv$ | $\dashv$  |       | 131        |                 |          |          |          | $\dashv$ |          |          | $\dashv$  | $\dashv$ |
| <b> </b>     | 32       | $\vdash$     | $\vdash \vdash$    |   | $\vdash$ | $\vdash$   | +-       | +            | +          | +-      | -     | -  | 82        | $\vdash$        | $\dashv$ | +        | +       | +        | $\vdash$        | $\dashv$ | $\dashv$  |       | 132        | $\vdash$        | $\dashv$ |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 33       |              | Н                  |   | $\vdash$ | H  | T        | T            | T          | $\top$  | ⊣:::: | <del></del>                                      | 83        | Н               | $\dashv$ | $\dashv$ | +       | +        | Н               | $\dashv$ | $\dashv$  |       | 133        | $\vdash$        | $\dashv$ | $\neg$   | $\vdash$ | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 34       |              | $\vdash \vdash$    |   | $\vdash$ | $\vdash$   | T        | 1            | +          | +       | 7     |  | 84        | $\vdash$        | $\dashv$ | $\top$   | 1       | $\top$   | -               | $\dashv$ | $\exists$ |       | 134        | $\Box$          | $\dashv$ |          |          | $\dashv$ | 一        | $\dashv$ | $\dashv$  | 一        |
|              | 35       | Г            | $\square$          |   |          | Π  | Π        | T            | Τ          | $\top$  |       |  | 85        | П               | $\neg$   | 十        | Τ       |          | $\Box$          | $\neg$   |           |       | 135        | П               |          |          |          |          |          |          |           |          |
|              | 36       |              |                    |   |          |  |          |              |            |         |       |  | 86        |                 |          | _        |         | 1        |                 |          |           |       | 136        |                 |          |          |          |          |          |          |           |          |
|              | 37       |              |                    |   |          |  |          | П            |            | $\perp$ | ]     |  | 87        |                 |          | $\Box$   | Ι       |          |                 |          |           |       | 137        |                 |          |          |          | _0       |          |          |           |          |
|              | 38       |              |                    |   |          | 匚  | 匚        | 匚            | L          | I       | ]     |  | 88        | Ш               | $\Box$   | $\perp$  | I       | L        | П               | $\Box$   |           |       | 138        |                 |          |          |          |          |          | $\Box$   | $\Box$    |          |
|              | 39       | <u>_</u>     |                    |   | L        | _  | 1_       | _            | 1          | 4       | _     | <u> </u>   | 89        | Ш               | $\perp$  | $\perp$  | _       | 1        | Ш               |          |           |       | 139        |                 | Щ        |          | Ш        | _        |          | _        | _         | _        |
| <u> </u>     | 40       | L_           | $\vdash \vdash$    |   | _        | ļ  | +        | $\bot$       | 1          | 4-      | 4     |  | 90        | Щ               | -        | 4        | _       | +-       | $\sqcup$        | _        | 4         |       | 140        | $\square$       | Ш        |          |          | _        |          | $\dashv$ | 4         | _        |
| <u> </u>     | 41       |              | $\vdash \vdash$    |   | <u> </u> | <u> </u>   | $\vdash$ | ┼            | +          | +       | -     | <u> </u>   | 91        | $\sqcup$        | $\dashv$ | -        | +       | +        | $\vdash \vdash$ | -        | 4         |       | 141        | $\vdash$        | Щ        |          | $\vdash$ | _        | -        | $\dashv$ | -         | $\dashv$ |
| <del> </del> | 42       | -            | $\vdash$           |   | -        | -  | +        | ╁            | ╀          | +       | -     |  | 92        | $\vdash$        |          | +        | - -     | +        | $\vdash$        |          | $\dashv$  |       | 142        | $\vdash$        |          | $\vdash$ | $\vdash$ |          |          | $\dashv$ | $\dashv$  | $\dashv$ |
| -            | 43<br>44 | $\vdash$     | $\vdash \vdash$    |   | ⊢        | ├  | +        | +-           | ╁          | +-      | -     | <del> </del>                                     | 93<br>94  | H               | $\dashv$ | +        | ╁       | ╁        | $\vdash$        | $\dashv$ | $\dashv$  |       | 143<br>144 | $\vdash$        | $\vdash$ | $\vdash$ | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$  | 긕        |
| <u> </u>     | 45       | $\vdash$     | $\vdash \vdash$    | _ | $\vdash$ | -  | +        | ╁╴           | ╁          | +       | -     | $\vdash$   | 95        | H               | +        | $\dashv$ | +       | +-       | $\vdash$        | $\dashv$ | $\dashv$  |       | 145        | Н               | H        | $\vdash$ | $\vdash$ | -        |          | -        | $\dashv$  | ᅱ        |
|              | 46       | $\vdash$     | $\vdash$           | _ | -        | <del>                                     </del> | +-       | +-           | +          | +       | 1     | $\vdash$   | 96        | H               | $\dashv$ | +        | +       | +        |                 | $\dashv$ | $\dashv$  |       | 146        | $\vdash$        | $\vdash$ | $\vdash$ | $\vdash$ | _        |          | +        | $\dashv$  | ᅱ        |
|              | 47       | Н            | Н                  |   | -        | $\vdash$   | 1-       | T            | +          | $\top$  | 1     |  | 97        | H               | $\dashv$ | +        | +       | +        | $\vdash$        | $\dashv$ | $\dashv$  |       | 147        | $\vdash$        | Н        | Н        | $\vdash$ | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$  | ᅱ        |
|              | 48       | T            | H                  | _ | Г        | Т  | T        | T            | 1          | $\top$  | 7     | $\vdash$   | 98        | H               | _        | 十        | ╅       | 1        | П               | 十        | ᅥ         |       | 148        | П               | $\vdash$ |          | $\Box$   |          | $\Box$   | $\dashv$ | 寸         | ᅱ        |
|              | 49       |              | П                  |   |          |  |          | T            | T          | 1       | 7     |  | 99        | П               | $\dashv$ | $\dashv$ | $\top$  | $\top$   | П               | 十        | ٦         |       | 149        | П               |          |          | П        |          |          | $\neg$   | ヿ         | 一        |
|              | 50       |              |                    |   |          | Γ  |          | L            |            |         | ]     |  | 100       | П               | $\neg$   | 十        | Ť       | T        | П               | 7        |           |       | 150        | П               |          |          |          |          |          |          | $\exists$ | ╗        |